

WHAT IS CLAIMED IS

1. A socket for an electrical part comprising:

a socket body having one surface to which an electrical part is to be mounted and another surface, opposing to the one surface, to which a printed circuit board is to be mounted; and

a contact pin provided for the socket body for achieving electrical connection between the electrical part and the printed circuit board,

said contact pin comprising:

a springy portion formed with a plurality of curved portions;

an electrical part side contact portion formed to a front end side of the springy portion so as to be contacted to a terminal of the electrical part so as to establish an electrical connection therebetween;

a printed circuit board side contact portion formed to one of the curved portions of the springy portion so as to be contacted to the printed circuit board so as to establish an electrical connection therebetween; and

an electric path formed between the electrical part side contact portion and the printed circuit board side contact portion.

2. The socket for an electrical part according to claim 1,

wherein said printed circuit board side contact portion is formed to one curved portion nearest to the front end of the springy portion.

3. The socket for an electrical part according to claim 1, wherein said springy portion is formed with first curved portion positioned nearest to the front end thereof and a second curved portion apart therefrom, said second curved portion having a radius of curvature smaller than that of the first curved portion.

4. The socket for an electrical part according to claim 1, wherein said springy portion is formed with first curved portion positioned nearest to the front end thereof and a second curved portion apart therefrom, said second curved portion having a radius of curvature larger than that of the first curved portion.

5. The socket for an electrical part according to claim 4, wherein portions of the springy portion between which the second curved portion is formed are formed to be parallel to each other.

6. The socket for an electrical part according to claim 1, wherein said electric path of the springy portion formed between the printed circuit board side contact portion and

the electrical part side contact portion has substantially a linear structure.

7. The socket for an electrical part according to claim 1, wherein an intervening portion is disposed between the printed circuit board side contact portion of the contact pin and the printed circuit board so as to electrically connect the printed circuit board side contact portion of the contact pin and the printed circuit board.

8. The socket for an electrical part according to claim 7, wherein said contact pin is provided with a base portion which is mounted to the socket body from which said springy portion extends, and said intervening member extends from the base portion.

9. The socket for an electrical part according to claim 7, wherein said intervening member is mounted to the socket body so as to extend therefrom between the printed circuit board side contact portion and the printed circuit board.

10. The contact pin for a socket for an electrical part to be mounted to a socket body of the socket, comprising:

a base portion mounted to the socket body; and

a springy portion extending from the base portion, said springy portion including a plurality of curved portions

including a curved portion formed to a front end portion of the springy portion as an electrical part side contact portion and another curved portion formed on the side of the base portion as a printed circuit board side contact portion.